

AMENDMENTS TO THE SPECIFICATION

Please replace the section from page 4, line 23 to page 5, line 17 with the following amended section:

Figure 2A and 2B

[0007] [[A.]] Cultivation of tobacco (Nicotiana tabacum Var. Samsun NN, A-D) and potato (Solanum tuberosum var. Solara, E-H) leaf disks on 2-DOG-containing MS medium. ~~TOT, Nicotiana tabacum Var. Samsun NN, POT, Solanum tuberosum var. Solara~~[[;]] A, E: control MS medium without addition of 2-deoxyglucose; B, F: MS medium with 0.05% 2-DOG; C, G: MS medium with 0.1% 2-DOG; D, H: MS medium with 0.5% 2-DOG.

Figure 2C

[0008] B[[.]] Cultivation of pea, rape and wheat leaf disks on 2-DOG containing MS medium. R, rape; P, pea; W, wheat. 0.0, 0.1 and 0.5: added 2-DOG concentration in %.

Figure 3

[0009] C[[.]] Schematic representation of the PCR amplification of the 2-DOG-6-P phosphatase from *Saccharomyces cerevisiae* strain 288C.

Figure 4

[0010] D[[.]] Plant expression cassette for the overexpression of the DOG^R1 gene from yeast (*Saccharomyces cerevisiae* strain S288C) in transgenic plants.

Figure 3

[0011] Fragment A (529 bp): contains the 35S promoter of the Cauliflower Mosaic Virus (CaMV). It contains a fragment including nucleotides 6909 to 7437 of the CaMV.

Figure 4